

SYSTEM AND METHOD FOR CROSS CORRELATION RECEIVER

ABSTRACT OF THE DISCLOSURE

A system and method for detecting signals. A system includes a first antenna configured to receive at least a first input signal and generate at least a first received signal, and a second antenna configured to receive at least a second input signal and generate at least a second received signal. Additionally, the system includes a receiver system configured to generate at least a first output signal, a second output signal, a third output signal, and a fourth output signal. Moreover, the system includes a correlation system configured to receive at least the third output signal and the fourth output signal and generate at least a correlation signal, and a processing system configured to estimate a cross correlated power level.

60048767 v1